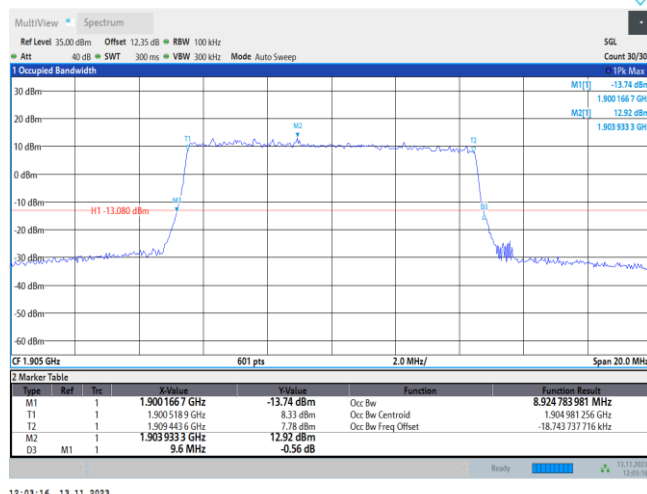


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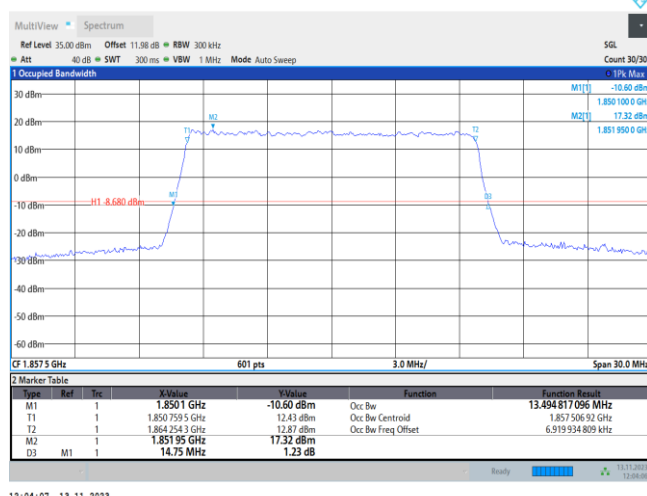
Rev.: 01

Page: 42 of 82

Band2-10MHz-64QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-75RB#0



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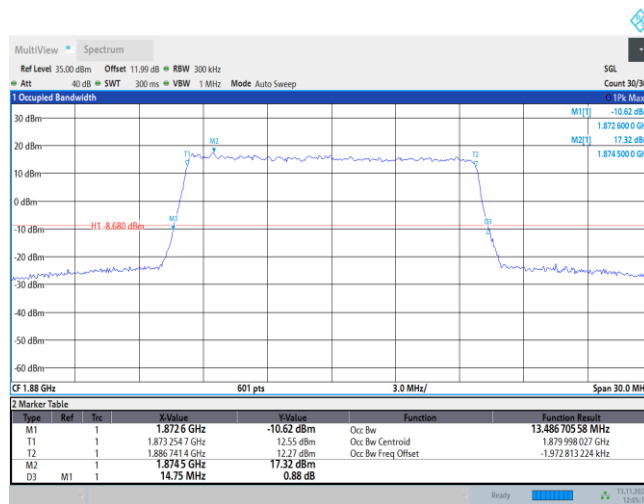
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 43 of 82

Band2-15MHz-QPSK-18900-75RB#0

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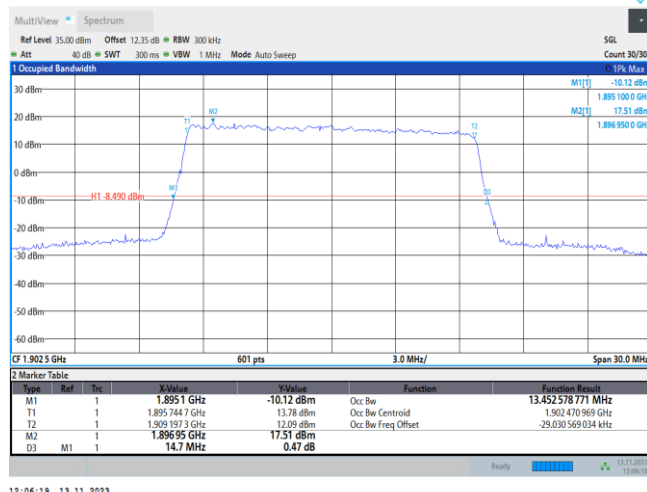
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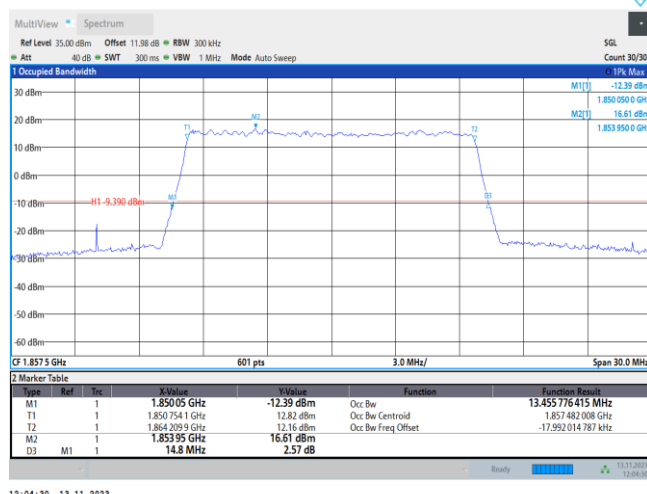
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Page: 44 of 82

Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-16QAM-18675-75RB#0



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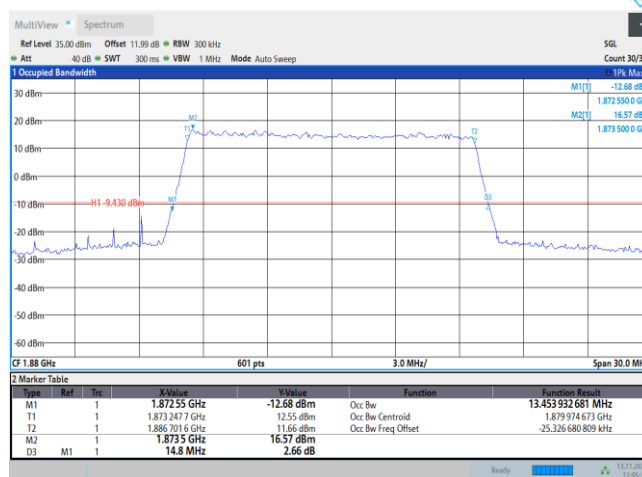
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 45 of 82

Band2-15MHz-16QAM-18900-75RB#0



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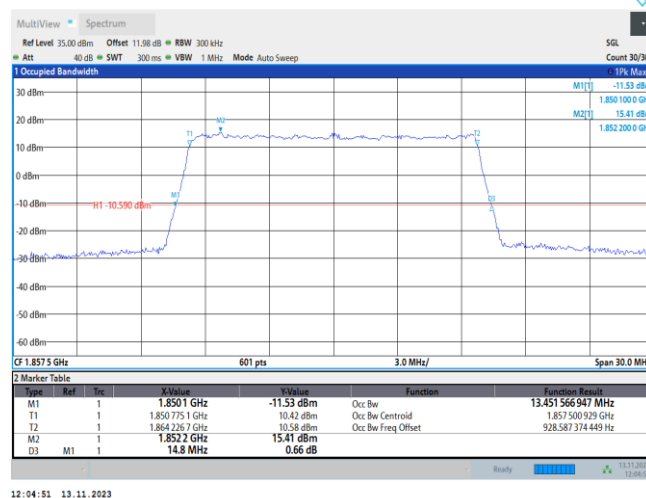
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Report No.: XEWM2311000573RG01
Rev.: 01
Page: 46 of 82

Band2-15MHz-16QAM-19125-75RB#0



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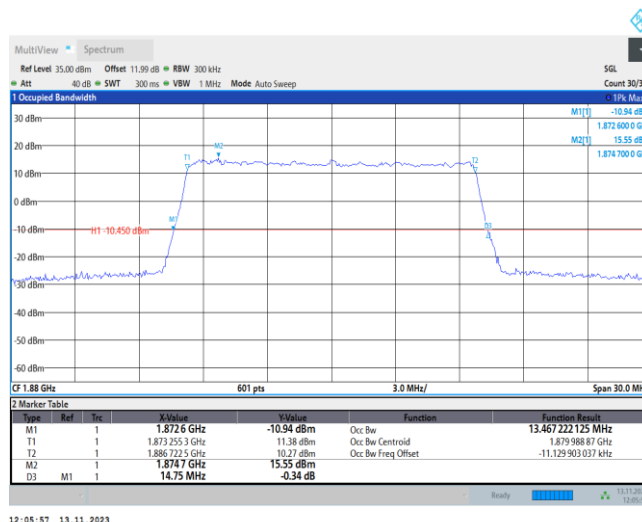
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Band2-15MHz-64QAM-18900-75RB#0



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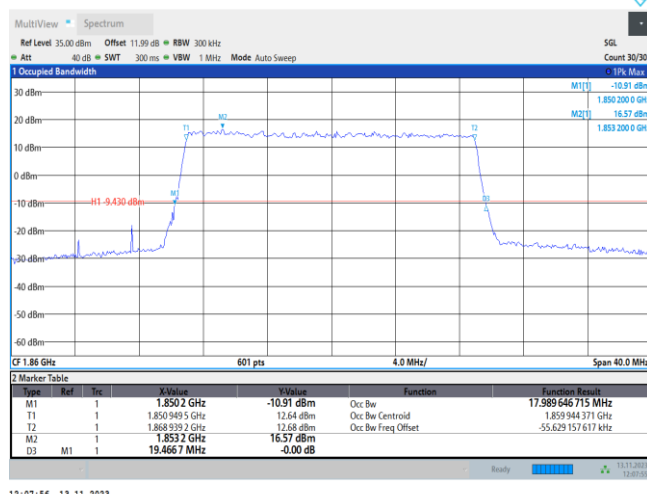
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Band2-15MHz-64QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-100RB#0



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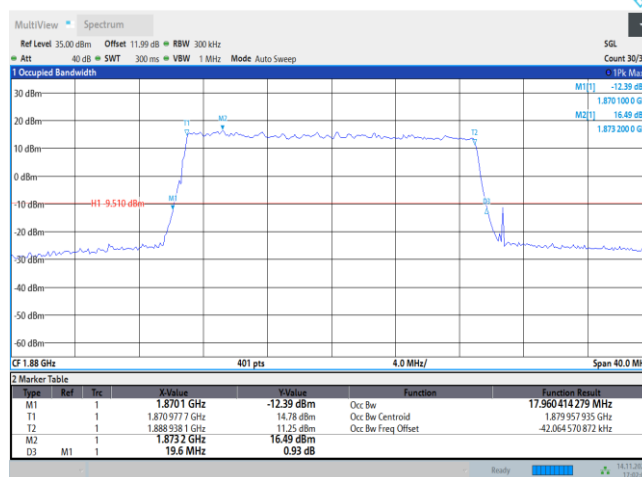
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 49 of 82

Band2-20MHz-QPSK-18900-100RB#0



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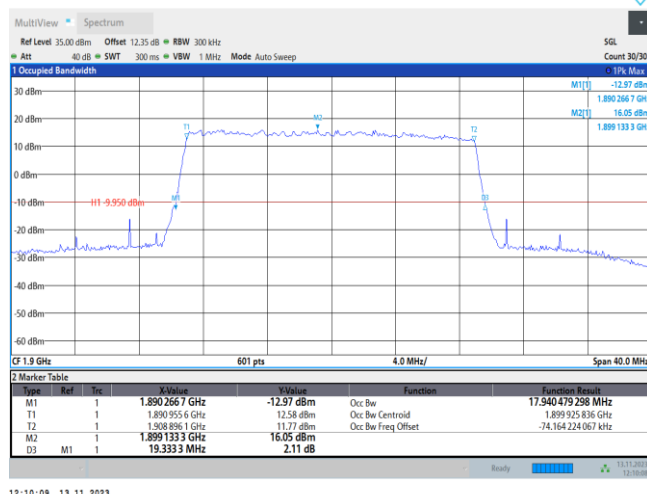
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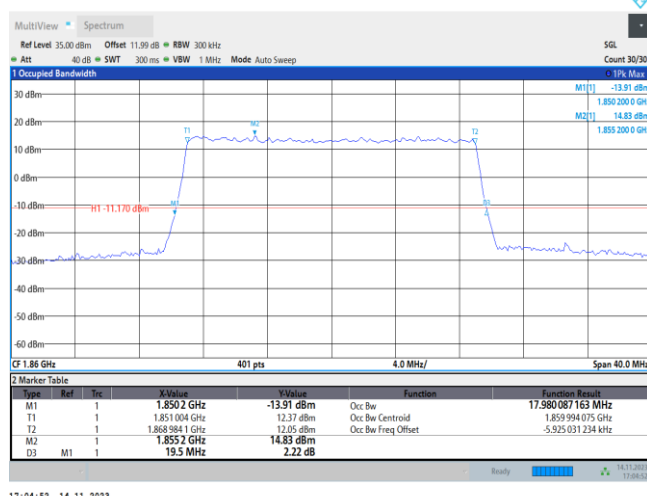
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Band2-20MHz-QPSK-19100-100RB#0



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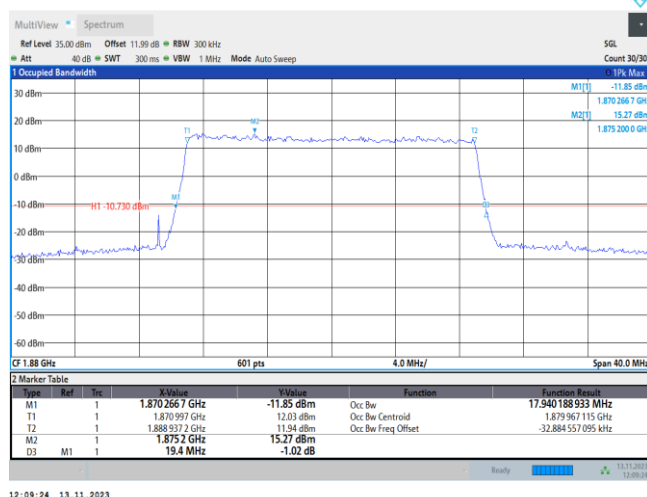
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Rev.: 01

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Band2-20MHz-16QAM-18900-100RB#0



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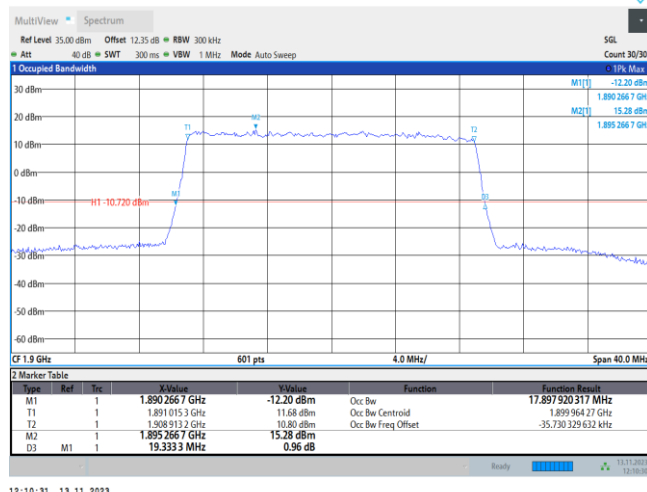
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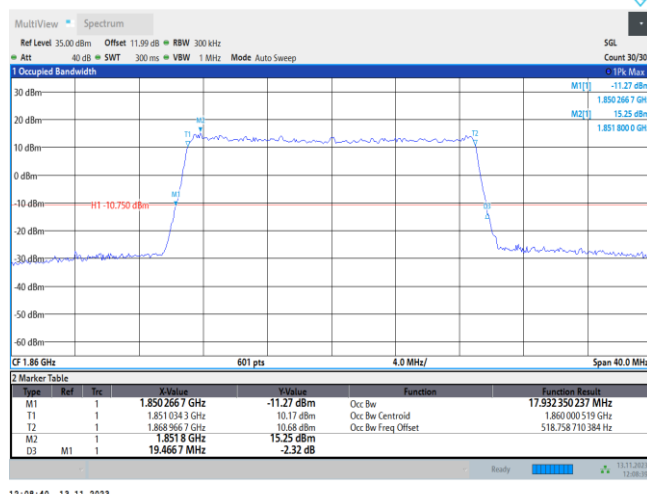
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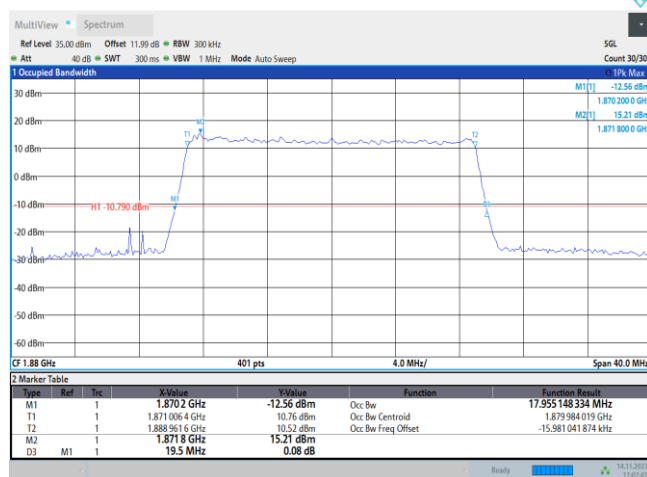
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 53 of 82

Band2-20MHz-64QAM-18900-100RB#0



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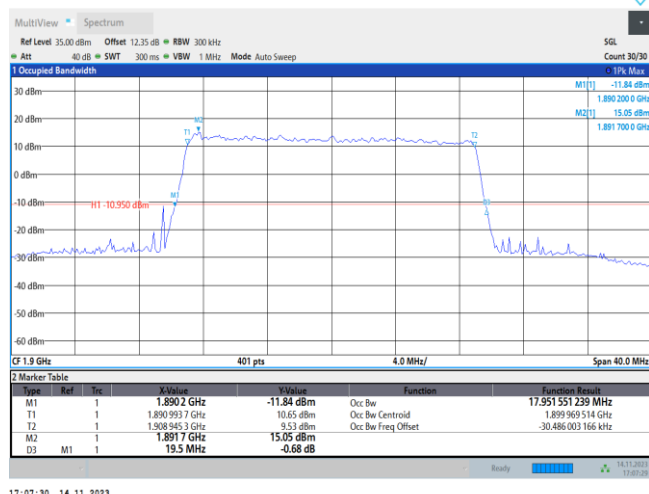
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Rev.: 01

Page: 54 of 82

Band2-20MHz-64QAM-19100-100RB#0



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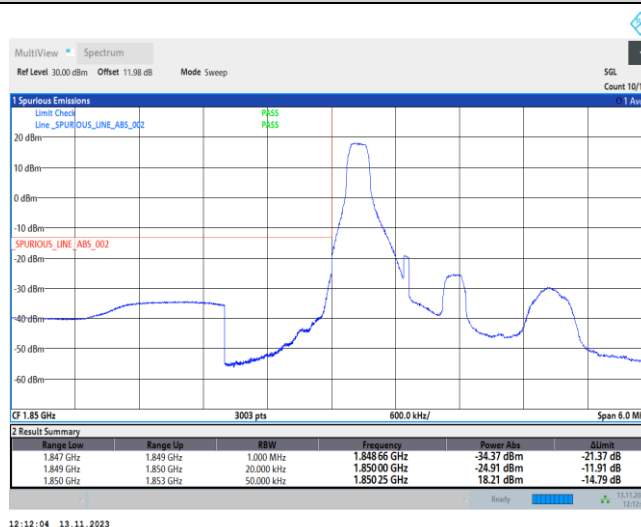
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Page: 55 of 82

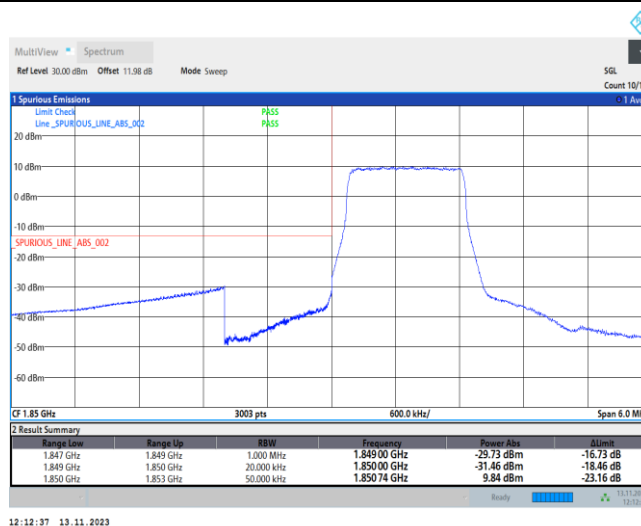
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Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



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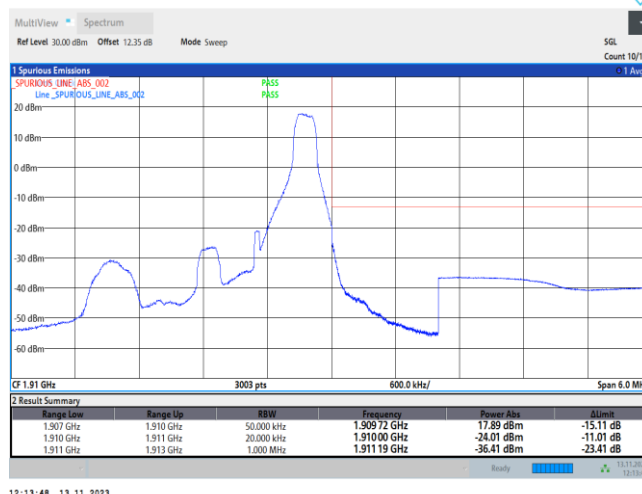
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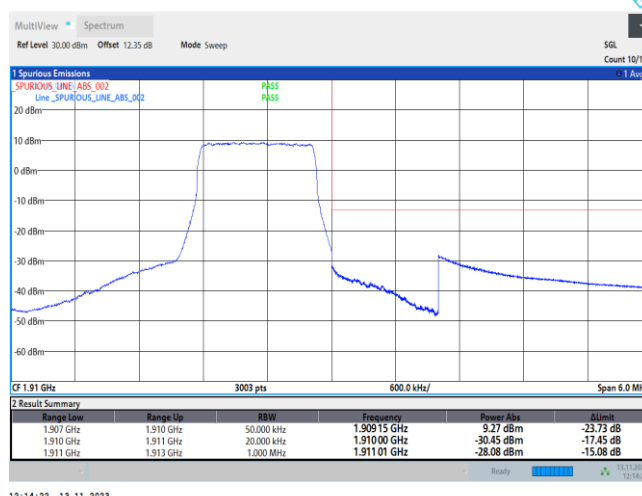
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Band2-1.4MHz-QPSK-19193-1RB#5



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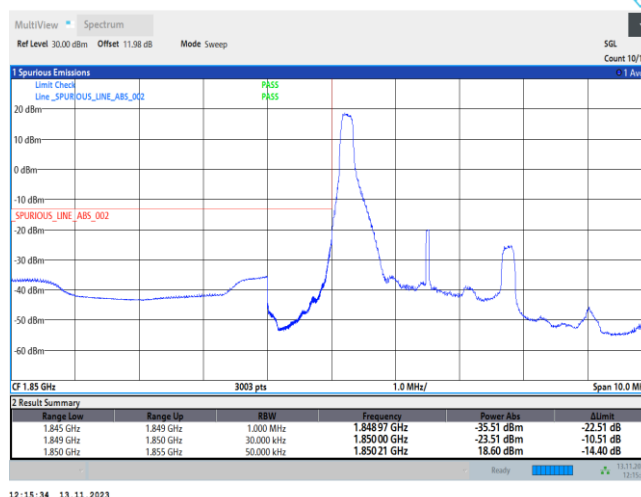
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Page: 57 of 82

Band2-3MHz-QPSK-18615-1RB#0



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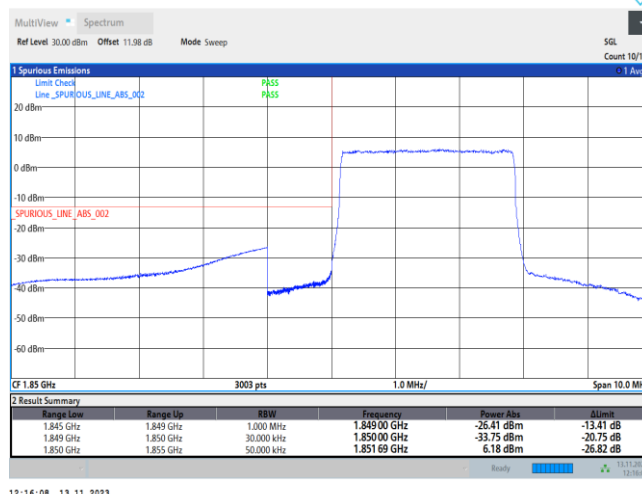
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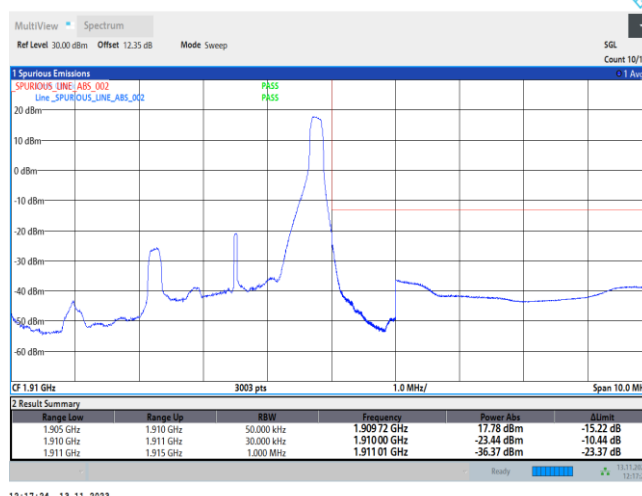
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Band2-3MHz-QPSK-19185-1RB#14



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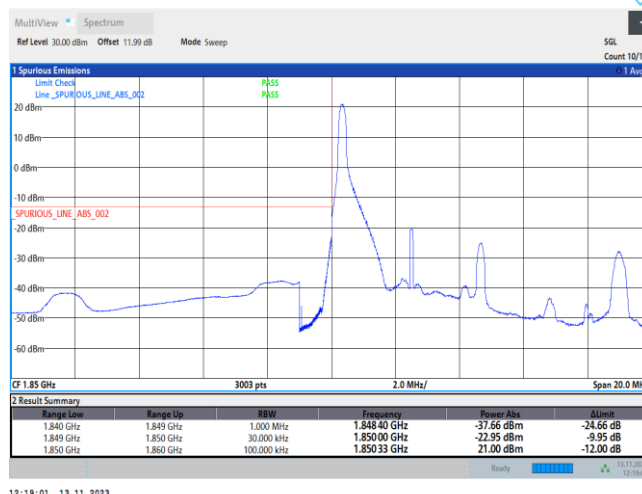
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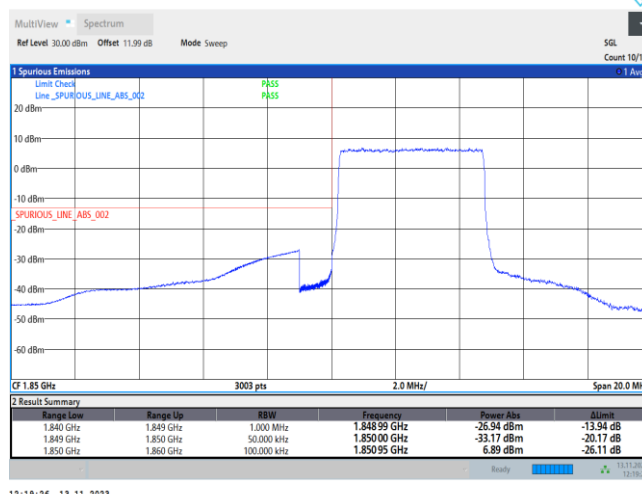
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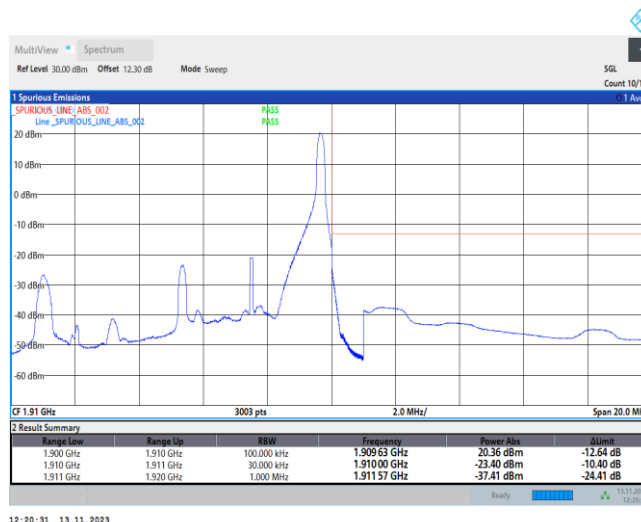
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Band2-5MHz-QPSK-19175-1RB#24



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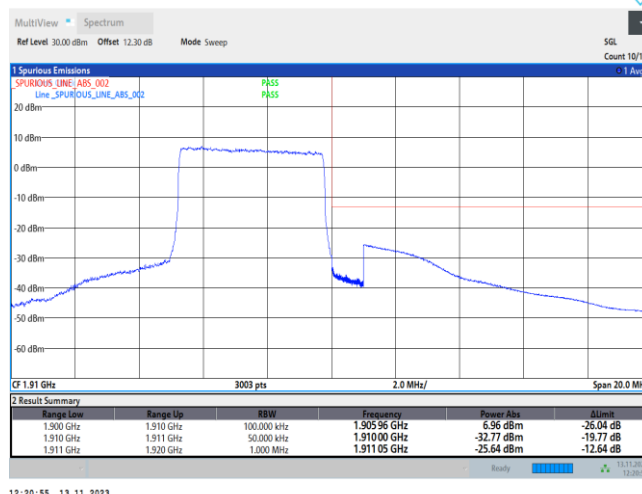
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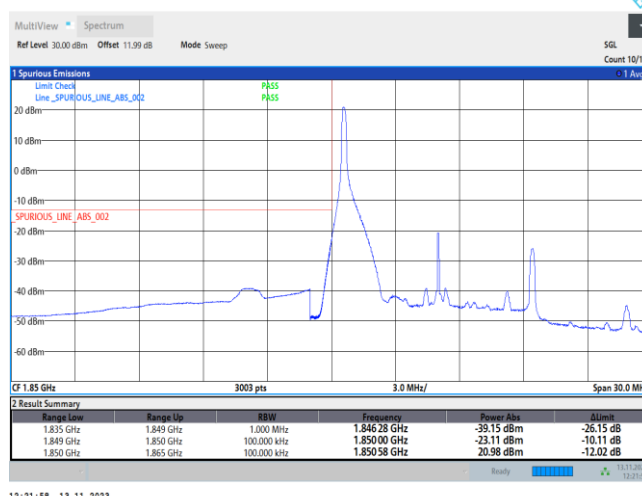
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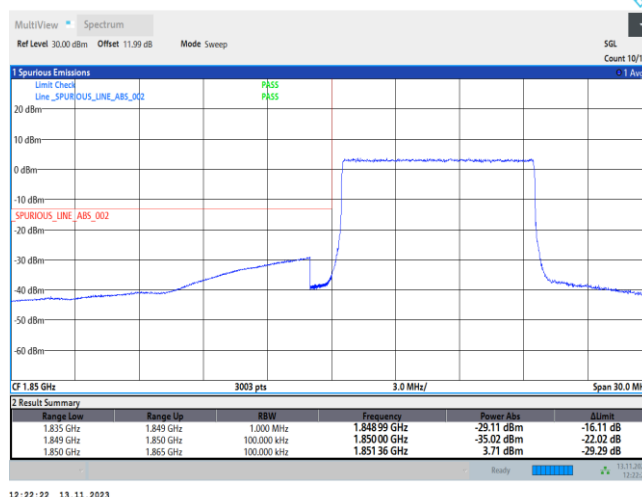
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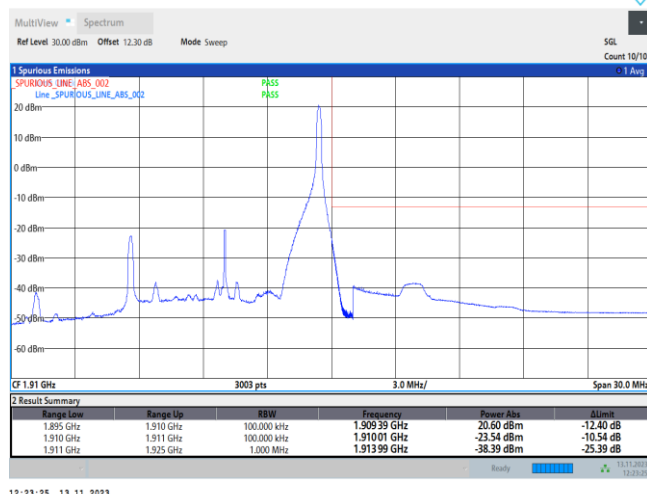
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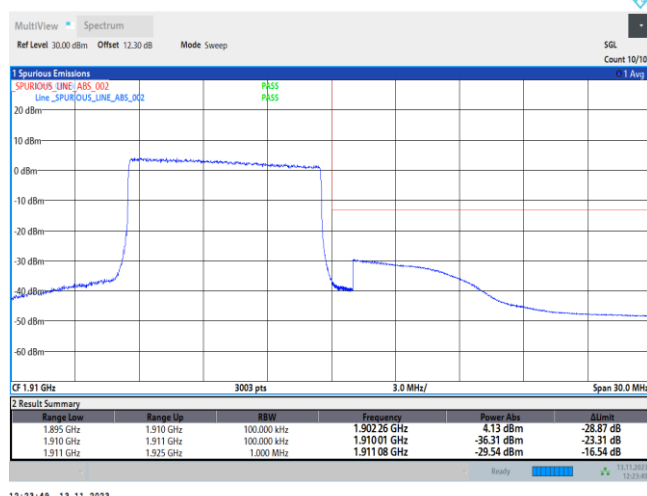
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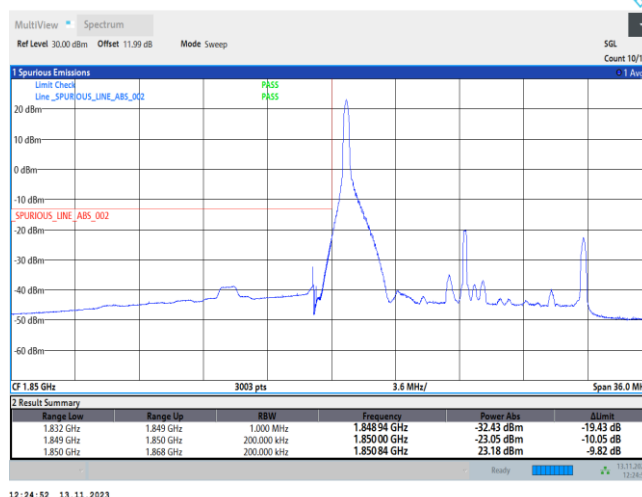
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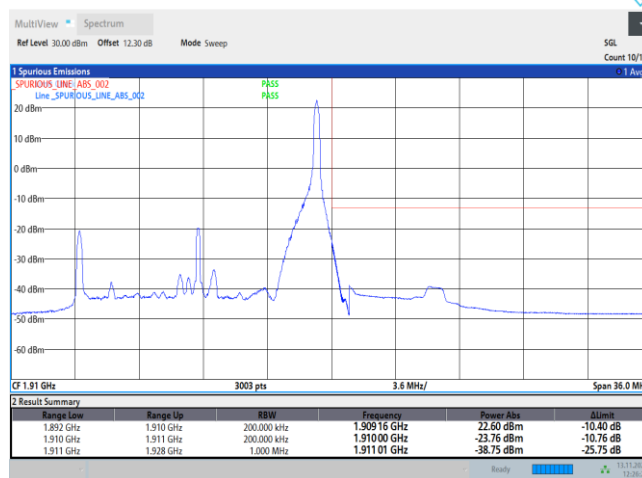
Page: 66 of 82

Band2-15MHz-QPSK-18675-75RB#0



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Band2-15MHz-QPSK-19125-1RB#74



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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 67 of 82

Band2-15MHz-QPSK-19125-75RB#0



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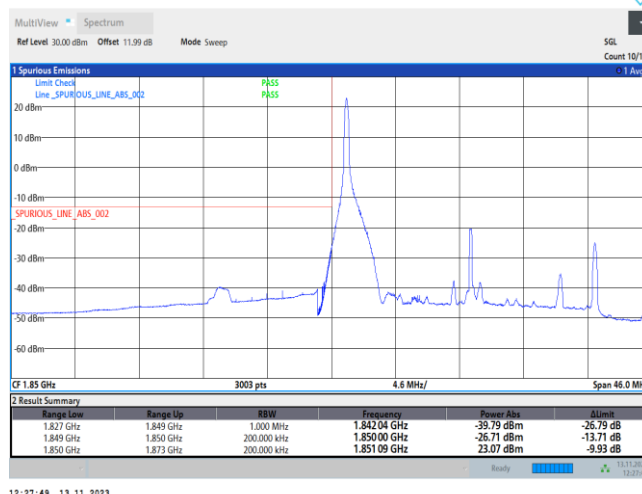
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 68 of 82

Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0



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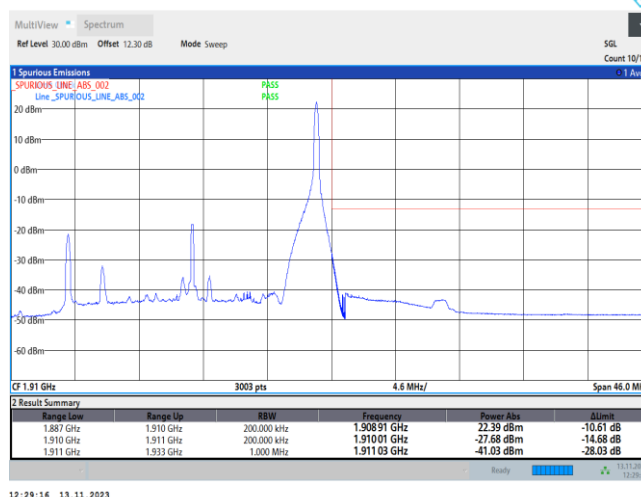
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Page: 69 of 82

Band2-20MHz-QPSK-19100-1RB#99



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Rev.: 01

Page: 70 of 82

Band2-20MHz-QPSK-19100-100RB#0



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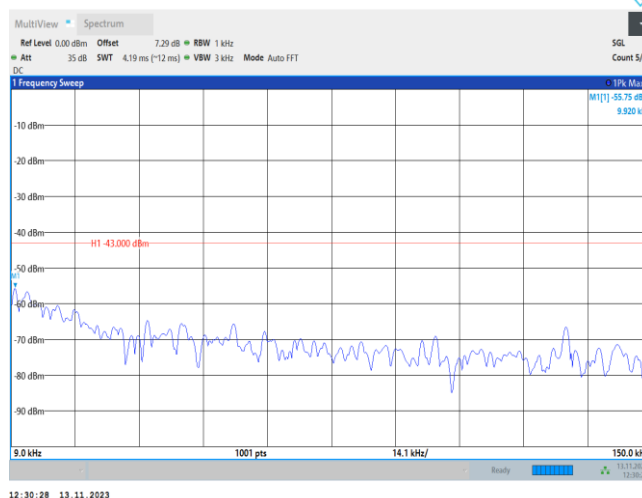
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Page: 71 of 82

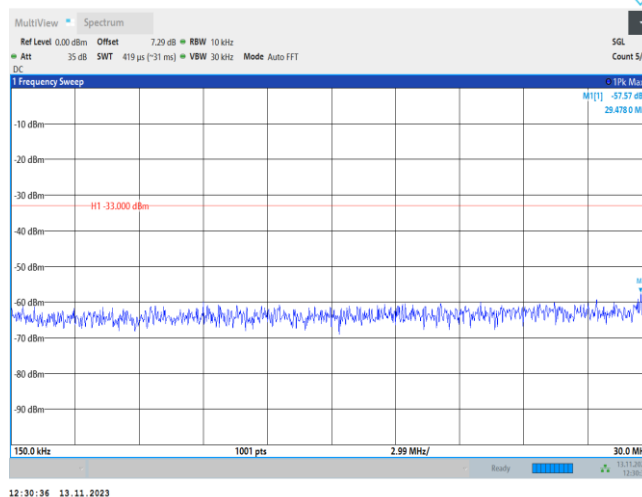
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz



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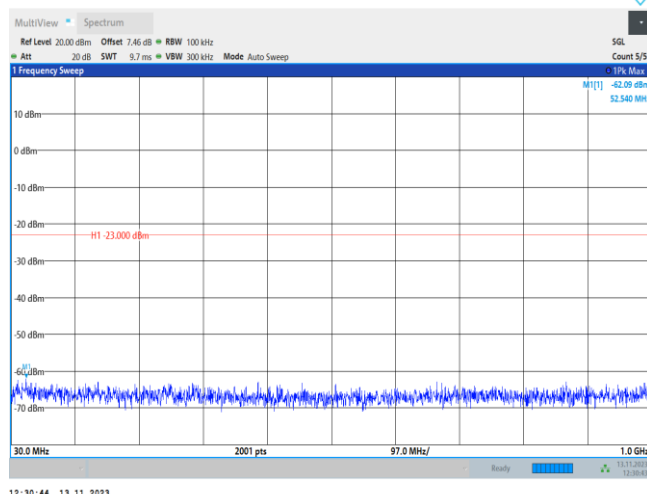
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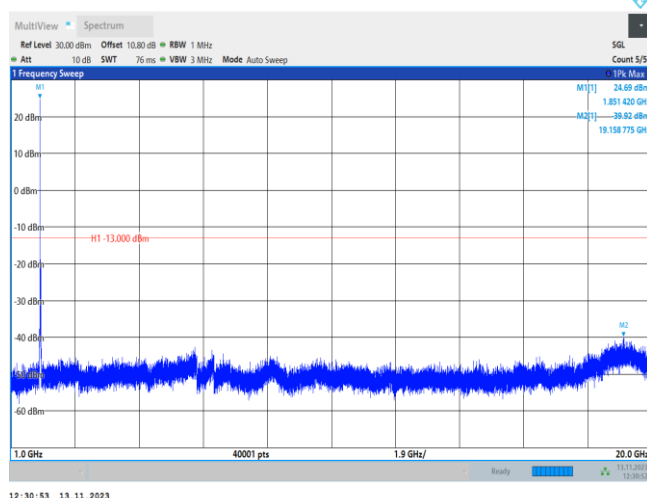
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Page: 72 of 82

Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz



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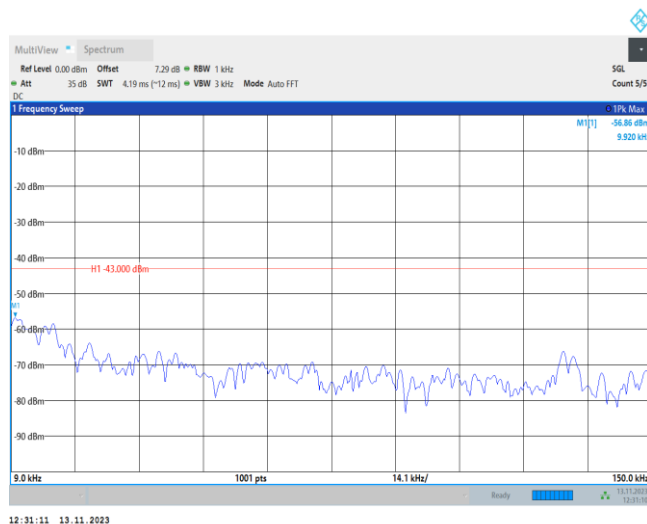
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Page: 73 of 82

Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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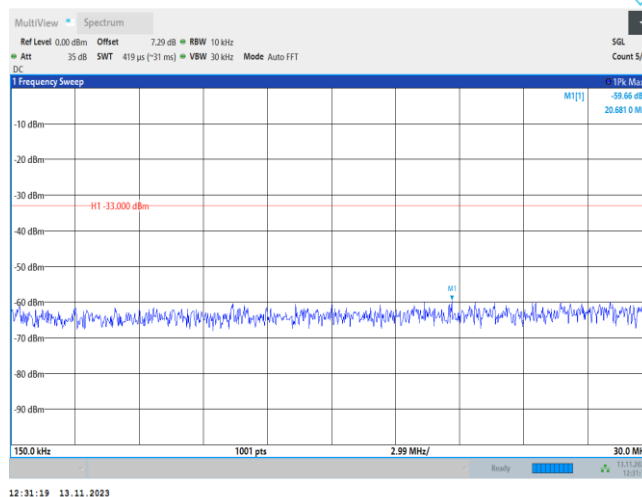
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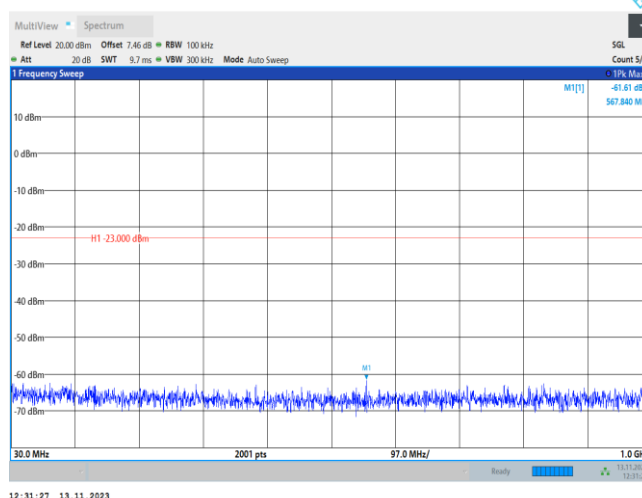
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



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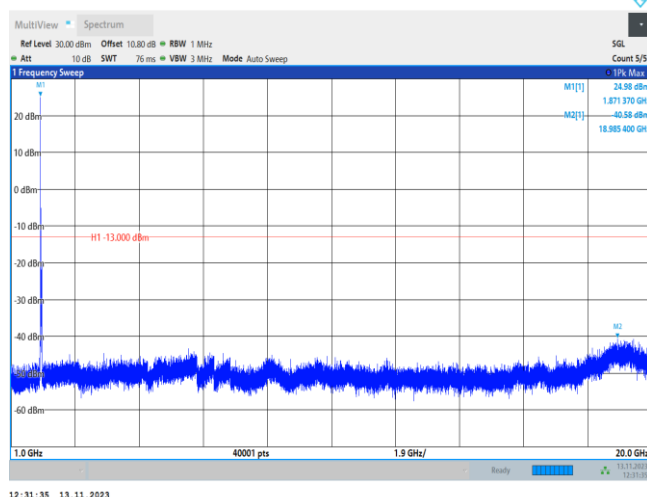
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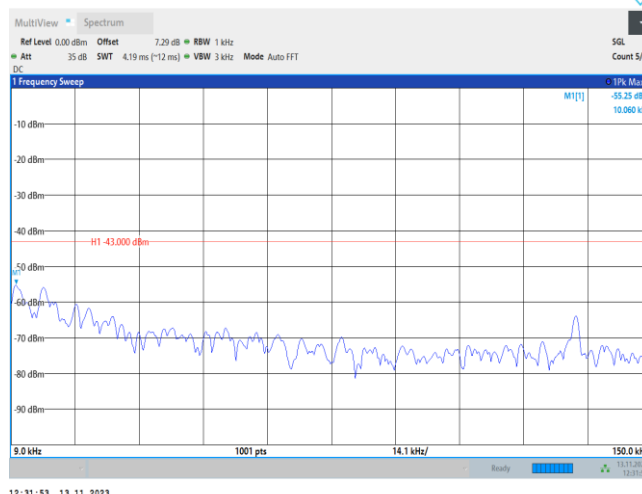
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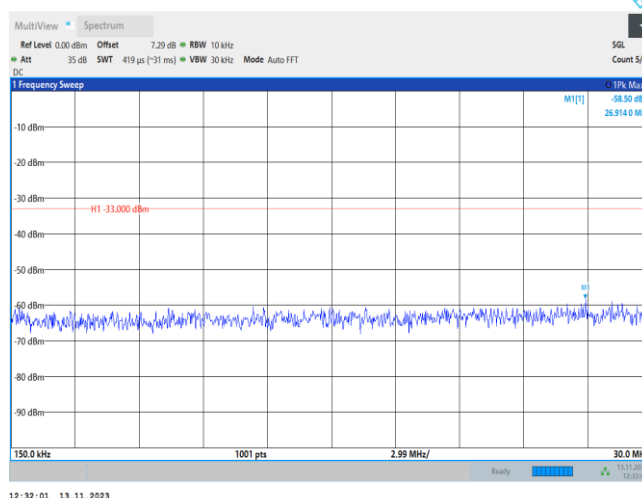
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Page: 76 of 82

Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz



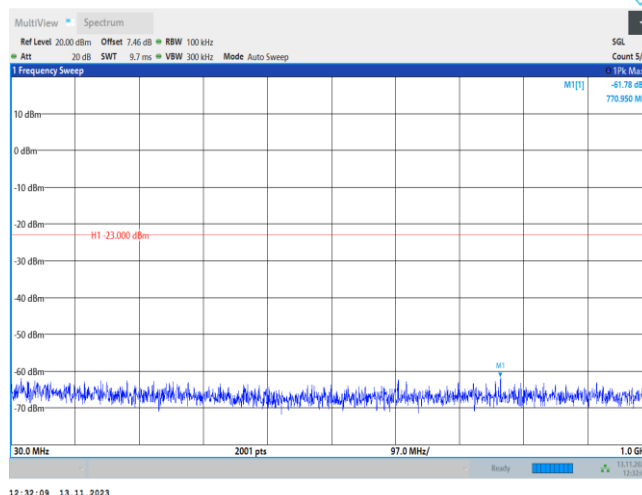
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Page: 77 of 82

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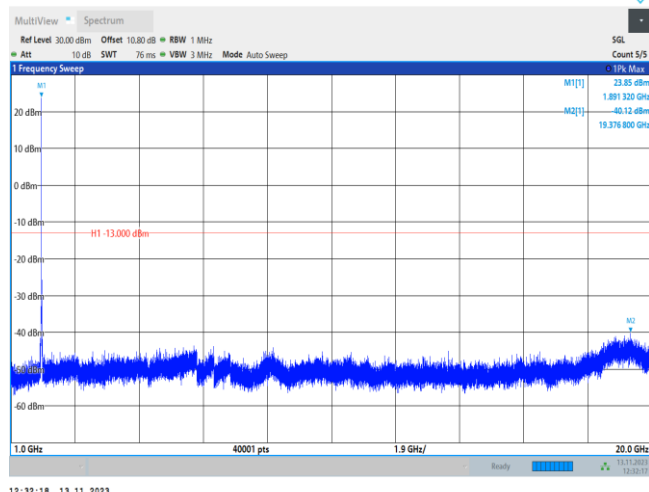
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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 79 of 82

Field Strength of Spurious Radiation**Test Band = LTE_B2****Test Channel = LCH**

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0351	60.40	-50.00	30.31	-54.55	-13.00	41.55	Horizontal
2	5036.3518	51.40	-47.36	33.32	-57.90	-13.00	44.90	Horizontal
3	6748.6874	49.81	-44.08	36.19	-53.34	-13.00	40.34	Horizontal
4	8545.0273	49.62	-42.32	38.98	-48.98	-13.00	35.98	Horizontal
5	11927.6964	47.50	-38.14	39.47	-46.43	-13.00	33.43	Horizontal
6	15045.6023	48.71	-39.12	39.85	-45.82	-13.00	32.82	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.0351	60.86	-50.00	30.31	-54.09	-13.00	41.09	Vertical
2	5613.1307	51.27	-45.52	33.37	-56.14	-13.00	43.14	Vertical
3	7471.7236	50.12	-43.38	36.66	-51.86	-13.00	38.86	Vertical
4	9519.326	50.56	-41.55	39.16	-47.09	-13.00	34.09	Vertical
5	11902.9451	47.27	-37.76	39.50	-46.25	-13.00	33.25	Vertical
6	17942.2471	48.91	-42.98	42.45	-46.88	-13.00	33.88	Vertical



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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 80 of 82

Test Band = LTE_B2

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.5371	56.41	-49.46	30.47	-57.84	-13.00	44.84	Horizontal
2	5679.134	51.56	-44.93	33.42	-55.21	-13.00	42.21	Horizontal
3	7983.2492	50.36	-43.43	37.43	-50.90	-13.00	37.90	Horizontal
4	9467.5734	50.44	-41.40	39.07	-47.15	-13.00	34.15	Horizontal
5	11904.4452	47.96	-37.78	39.50	-45.58	-13.00	32.58	Horizontal
6	17912.2456	49.24	-42.98	42.27	-46.73	-13.00	33.73	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3741.7871	56.85	-49.47	30.47	-57.41	-13.00	44.41	Vertical
2	5686.6343	51.62	-44.86	33.45	-55.05	-13.00	42.05	Vertical
3	7971.2486	50.24	-43.48	37.46	-51.04	-13.00	38.04	Vertical
4	9437.5719	50.21	-41.34	38.93	-47.46	-13.00	34.46	Vertical
5	14287.3144	48.47	-39.73	40.71	-45.81	-13.00	32.81	Vertical
6	17981.2491	49.42	-43.74	42.69	-46.89	-13.00	33.89	Vertical



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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 81 of 82

Test Band = LTE_B2

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.2891	59.26	-49.49	30.50	-54.99	-13.00	41.99	Horizontal
2	5123.3562	52.46	-47.13	33.55	-56.38	-13.00	43.38	Horizontal
3	7106.4553	50.21	-43.83	36.93	-51.95	-13.00	38.95	Horizontal
4	9441.3221	50.13	-41.34	38.95	-47.52	-13.00	34.52	Horizontal
5	11904.4452	47.41	-37.78	39.50	-46.13	-13.00	33.13	Horizontal
6	14996.8498	48.61	-38.81	39.91	-45.55	-13.00	32.55	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.2891	60.30	-49.49	30.50	-53.95	-13.00	40.95	Vertical
2	5150.3575	52.00	-47.03	33.59	-56.70	-13.00	43.70	Vertical
3	7110.9555	49.95	-43.85	36.94	-52.22	-13.00	39.22	Vertical
4	9457.8229	50.30	-41.37	39.03	-47.30	-13.00	34.30	Vertical
5	11903.6952	47.68	-37.77	39.50	-45.85	-13.00	32.85	Vertical
6	15023.1012	48.68	-38.94	39.88	-45.64	-13.00	32.64	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Report No.: XEWM2311000573RG01

Rev.: 01

Page: 82 of 82

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-3.70	-0.001968	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-4.00	-0.002128	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-5.60	-0.002979	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-8.60	-0.004574	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-7.90	-0.004202	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-8.70	-0.004628	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-4.60	-0.002447	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-6.70	-0.003564	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-9.60	-0.005106	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.90	-0.003670	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-6.70	-0.003564	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-7.70	-0.004096	PASS

---End of Attachment---



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